

From	To
"Salera, Jerry" <Jerry.Salera@conservation.ca.gov>	George Robin/R9/USEPA/US@EPA
CC	BCC
Elizabeth Janes/R9/USEPA/US@EPA David Albright/R9/USEPA/US@EPA	
Subject	Date/Time
Re: (Ca. DOGGR 2011) UIC Well Count	01/27/2012 12:09 PM

Item Body

George,

1. Yes, we do not count the gas storage (type GS) wells in our UIC well count for EPA.
2. The H2S wells are gas disposal wells (type GD).
3. I'll have to get back to you on the LPG EOR well. There's only 1 in Kern county - I'm having somebody look into it now.

Jerry

----- Original Message -----

From: George Robin <Robin.George@epamail.epa.gov>
To: Salera, Jerry
Cc: Elizabeth Janes <Janes.Elizabeth@epamail.epa.gov>; David Albright <Albright.David@epamail.epa.gov>
Sent: Fri Jan 27 09:10:39 2012
Subject: Re: (Ca. DOGGR 2011) UIC Well Count

Thank you Jerry, for your additional information pertaining to the Class II Well Inventory's recent correction.

We will forward an explanation to our Headquarter staff, but may request your additional assistance to ensure this is stated accurately, correctly.

Further, as I understand: (1) Gas Storage wells (such as those at Aliso Canyon field) are not UIC Class II wells and do not belong in the inventory. (2) Please confirm that waste gas return wells, such as H2S re-injection wells are actually being used for EOR and not Disposal - either of these are Class II operations. (3) Additionally, please confirm that LPG injection wells (one such well?) are UIC Class II wells because those fluids are liquid at STP (standard temperature & pressure). If the LPG fluids are gaseous at STP, then they may be either a form of Gas

Storage (non-Class II) or EOR (Class II), depending upon their purpose/use which requires clarification.

George

NOTE: I am working at home today and am more readily available at (415) 567-9923.

-----"Salera, Jerry" <Jerry.Salera@conservation.ca.gov> wrote:

To: George Robin/R9/USEPA/US@EPA, Elizabeth Janes/R9/USEPA/US@EPA
From: "Salera, Jerry" <Jerry.Salera@conservation.ca.gov>
Date: 01/27/2012 08:04AM
Subject: UIC Well Count

Good morning George, Liz,

The significant change in UIC well tally from around the 30,000 range to the 47,000+ range is accounted by the change in the count of cyclic steam (type SC) wells. If you look at our previous UIC well count summary, the number of SC wells hovered around the 13,000 - 15,000 range. The reporting section of our Wellstat database did not count any SC well that did not show any injection for the report year. This has undercounted the numbers.

In the 2010 and 2011 access databases posted in the FTP section in our website, we can now actually query the data and generate the UIC well counts. In the 2011 count that Liz has queried from the database, the tally of SC wells is around 32,000+ range, with all the additional well details such as API numbers and volumes. Please note the latest date of the database. We update the numbers as additional data gets reported to us.

Liz, to answer your previous email, the PWT_ID in the access database stands for Pool Well Type ID and this is a unique identifier. I have also gotten the OK from Tim for you to use the database for your electronic submission to EPA HQ.

Best regards,

Jerry